



Education in the Age of the Technologist

by Joe Bustillos (joe@bustillos.com)

2015-04-28

It's broke

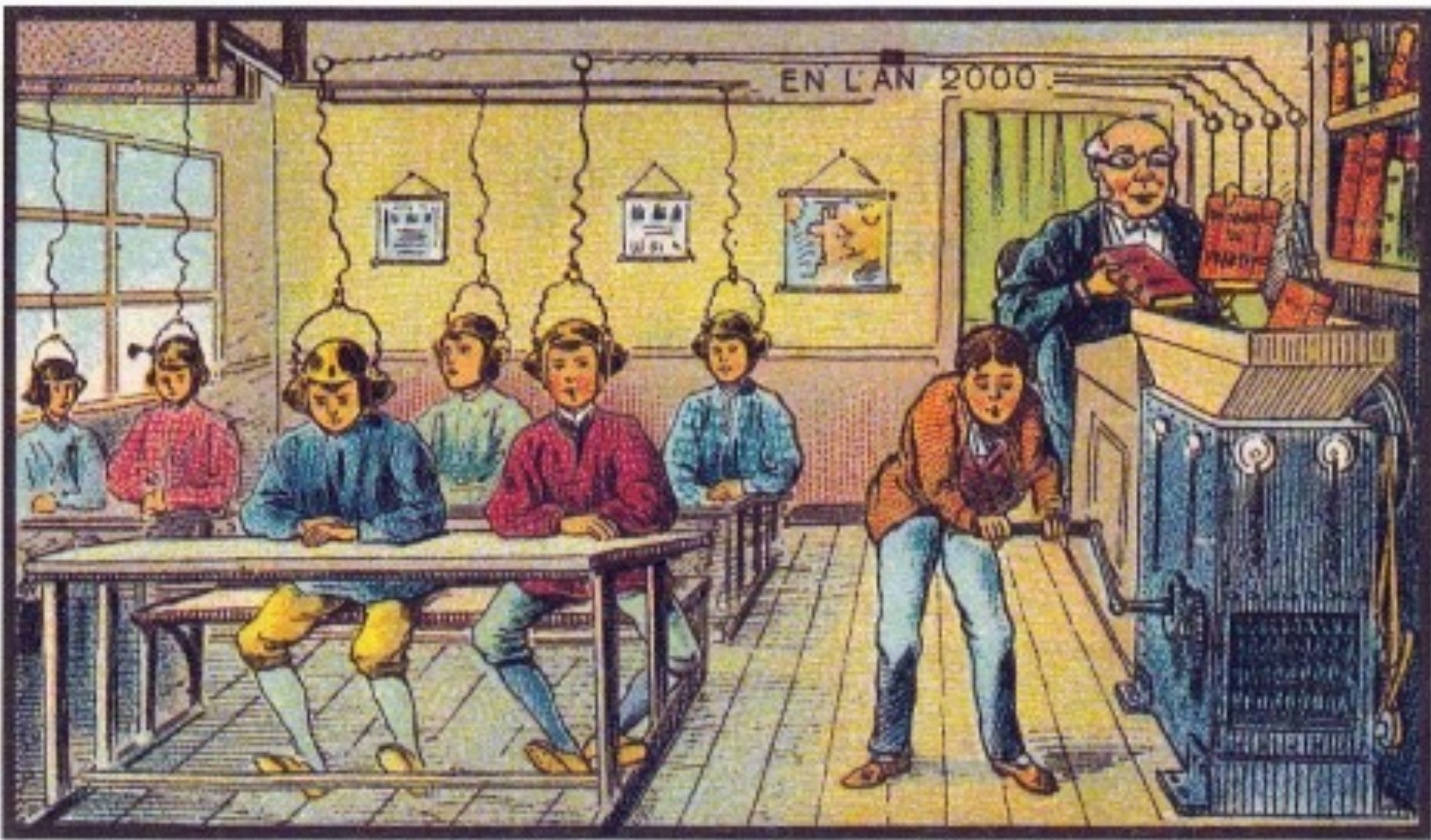
**it's a vestigial
institution
that's
completely out
of sync with
how the world
actually works**





**Education is like
Puberty,
Everyone had to go
through it
& most aren't
entirely pleased with
the process or the
results**

**Remove the
human from the
loop**



At School

Automate Education



HOW IT WORKS

COURSES

SCHOOLS & PARTNERS

edX

Take great **online courses** from the world's **best universities**

Search for a course



[VIEW ALL COURSES](#)

NEW! Learn programming from Microsoft experts. Sign up today. >>

MOOC

Popular Courses Starting S



VERIFIED

TsinghuaX
30640014x

Conversational English
Skills



VERIFIED

AdelaideX
Code101x

Think. Create. Code

W3Cx
HTML
Learn

lynda.com®

[Become a member](#)

[Business](#)

[Academic](#)

[Go](#)

[Browse the library](#)

Find courses, authors, and more...

Search

Reactiva

All subjects » Education » Elearning

Education Training + Tutorials

Our education training is designed to help teachers and students leverage new technologies and the latest instructional techniques to increase engagement, be more productive in the classroom, and maxi... [show more](#)



lynda.com

KHANACADEMY

Subjects

Search for subjects, skills, and videos

- Math
- Science
- Economics and finance
- Arts and humanities
- Computing
- Test prep
- Partner content

Arts and humanities

HUMANITIES

History

Music

ART HISTORY

Art history basics

Renaissance and
Reformation in

Prehistoric art in Europe
and West Asia

Baroque, Rococo,
Neoclassical art

Art of the ancient
Mediterranean

Art in 19th cen

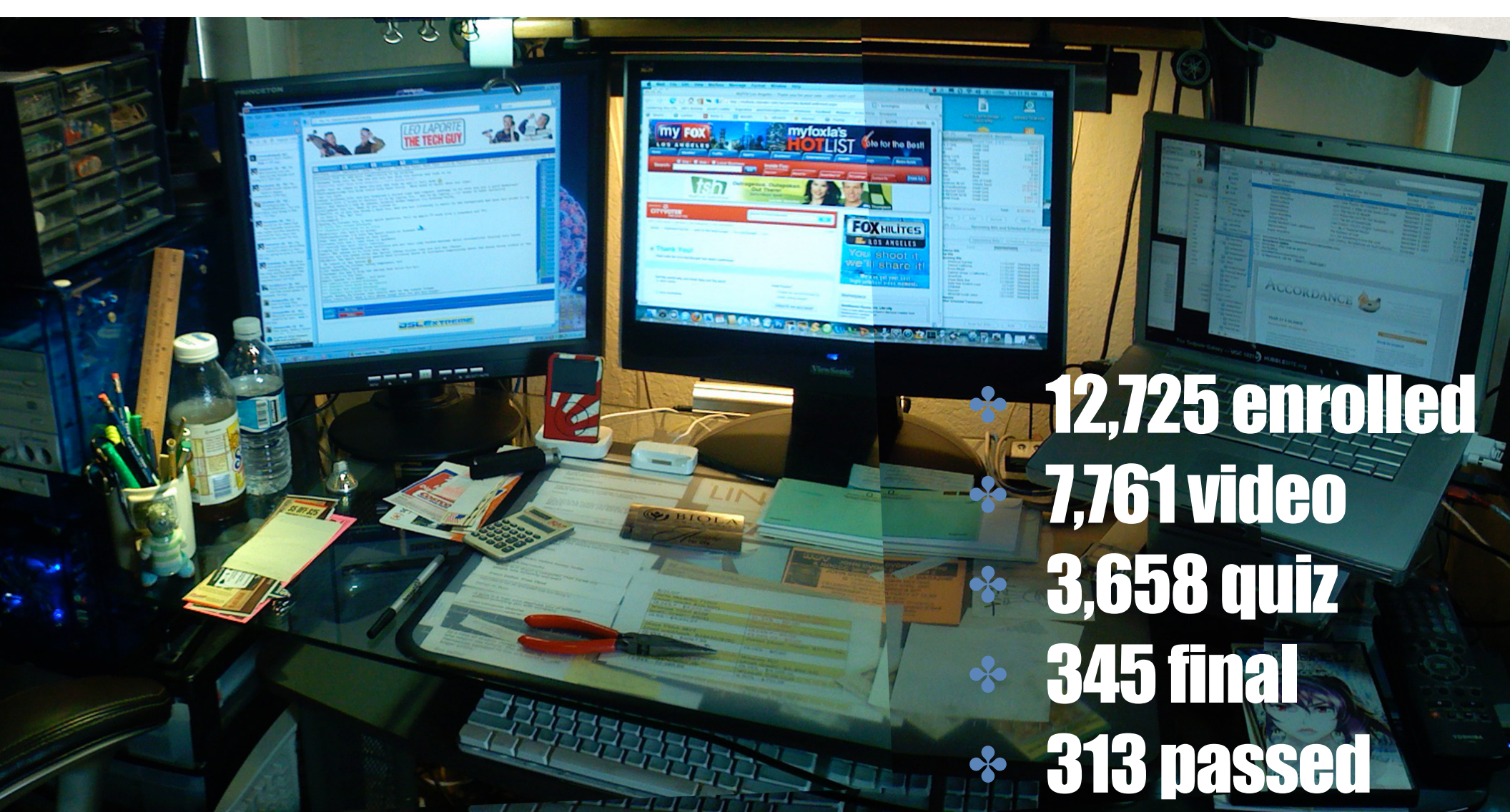
Art of Medieval Europe

Expressionism

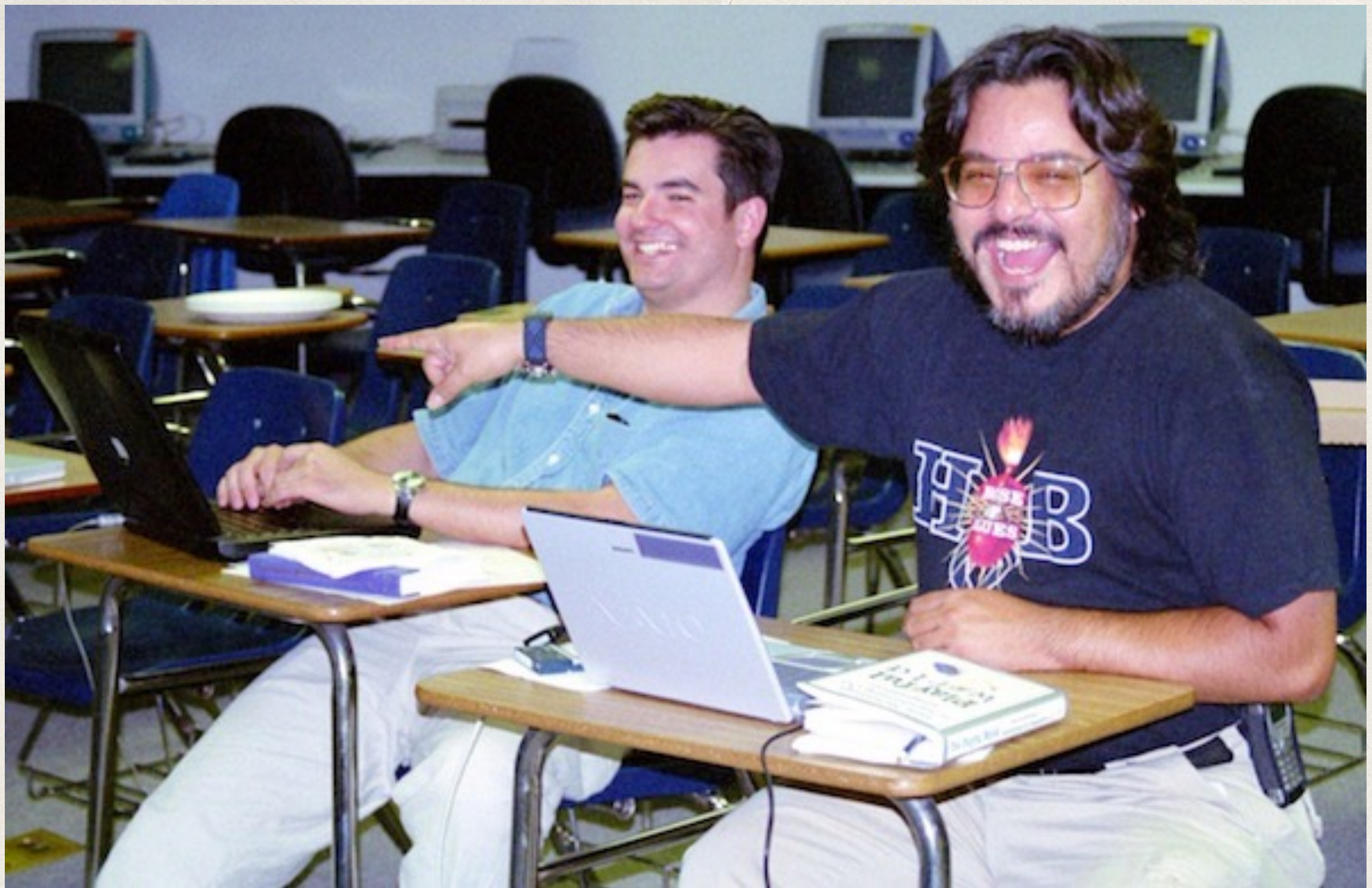
Art of the Islamic world

Toward a glob

Kahn Academy



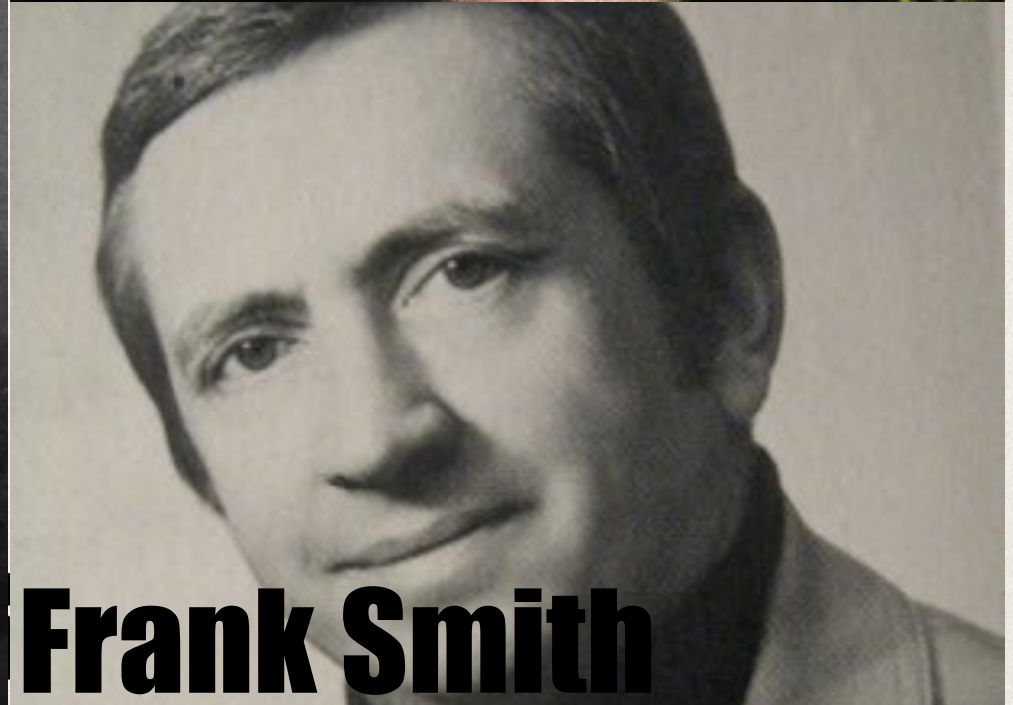
Video Tutorials “Very Viable”
MOOC Problematic Completion Rate:
Duke Univ. “Bioelectricity” (Fall 2012)



Online Master/EdD & Teaching Online
Unlike MOOC Attrition Rates



Lev Vygotsky



Frank Smith



HOW IT WORKS

COURSES

SCHOOLS & PARTNERS

Why does lynda.com Succeed & MOOCs Struggle?

Learning Objectives



VERIFIED

TsinghuaX
30640014x

Conversational English Skills



VERIFIED

Adeo deX
30640014x

Think, Create, Code



W3Cx
30640014x

Learn

lynda.com®

Become a member

Business

Academic

Go

Browse the library

Find courses, authors, and more...

Search

Reactiva

All subjects » Education + Elearning

Education Training + Tutorials

Our education training is designed to help teachers and students leverage new technologies and the latest instructional techniques to increase engagement, be more productive in the classroom, and maxi... [show more](#)



KHANACADEMY

Subjects

Search for subjects, skills, and videos

- Math
- Science
- Economics and finance
- Arts and humanities
- Computing
- Test prep
- Partner content

Arts and humanities

HUMANITIES

History

Music

ART HISTORY

Art history basics

Renaissance and Reformation in

Prehistoric art in Europe and West Asia

Baroque, Rococo, Neoclassical art

Art of the ancient Mediterranean

Art in 19th century

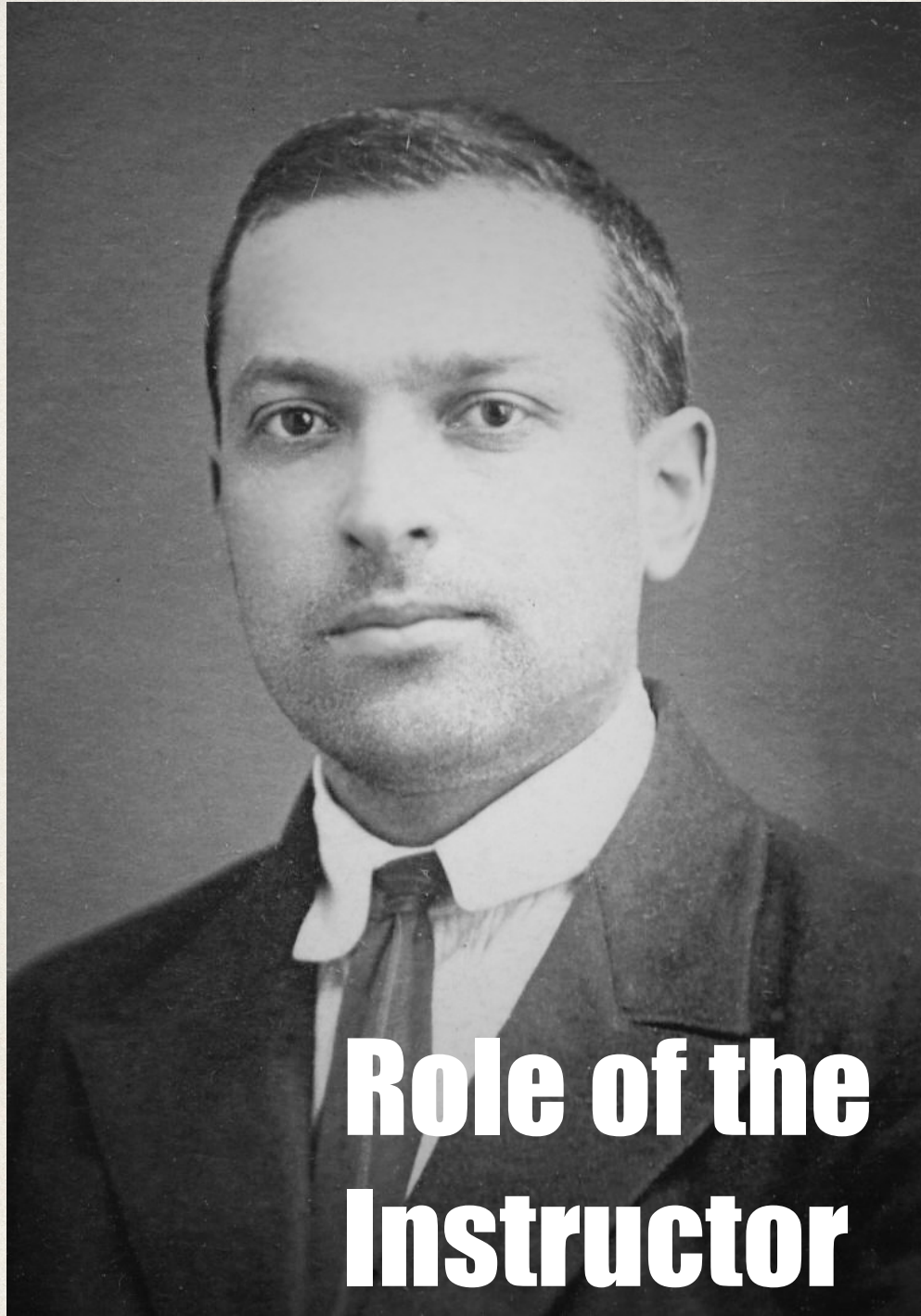
Art of Medieval Europe

Expressionism

Art of the Islamic world

Toward a global

Single Task v. Larger Goal



**Role of the
Instructor**



Learning Groups



Learning by Doing

Used Tech to Make Meaningful Connections




**Put More Humans
into the Loop**





**Beware of the Technological Solution
to the Sociological Problem**

A young boy with short brown hair, wearing a brown sweater over a yellow collared shirt, is sitting at a desk in a classroom. He is looking intently at a white tablet device he is holding with both hands. In the background, other children are blurred, and a green chalkboard is visible. The overall scene is brightly lit, suggesting a modern educational environment.

Challenge: How to Use Tech in a Way that empowers How Humans Learn

<http://joebustillos.com> - joe@bustillos.com - twitter: @jbb

Education in the Age of the Technologist



<http://joebustillos.com> - joe@bustillos.com - twitter: @jbb